

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1-4. (canceled)

5. (previously presented) Device for practicing the process according to claim 1, characterized in that it comprises at least one first chamber (10) provided with mechanical transfer means (12) and means (16) for heating of the radiant type, permitting the worn road coatings to be recycled to reach a first temperature comprised between 105 and 130°C, means for evacuating the gaseous effluents, and a second chamber (10') provided with mechanical transfer means (12') and means (16') for heating of the radiant type, permitting the worn road coatings to be recycled to reach a second temperature comprised between 160 and 220°C and means for evacuation of the gaseous effluents.

6. (original) Device according to claim 5, characterized in that it comprises means for agglutinating the worn road coatings to be recycled, disposed at the outlet of the first chamber (10).

7. (previously presented) Device according to claim 5, characterized in that it comprises a substantially parallelepipedal chamber (10, 10') and in that the mechanical means comprise inclined and/or horizontal conveyors (12, 12') provided with means (14, 14') for vibrating and means for heating (16, 16') of the radiant type in the form of panels (18, 18').

8. (previously presented) Device according to claim 5, characterized in that each chamber (10, 10') comprises first and second chambers (100, 100'), which are cylindrical, coaxial, rotatable and inclined, heating means (124), the worn road coatings to be recycled circulating in the space between the two chambers, downwardly by gravity from the top to the bottom.

9. (previously presented) Device according to claim 5, characterized in that it comprises means for treating the gaseous effluents emitted from the second chamber including the composition catalysts.

10. (previously presented) Process according to claim 2, characterized in that there are added at least additives at the outlet of the second heating step so as to regenerate the bitumen or reconstitute a new type of bitumen, by kneading.

11. (previously presented) Device according to claim 6, characterized in that it comprises a substantially parallelepipedal chamber (10, 10') and in that the mechanical means comprise inclined and/or horizontal conveyors (12, 12') provided with means (14, 14') for vibrating and means for heating (16, 16') of the radiant type in the form of panels (18, 18').

12. (previously presented) Device according to claim 6, characterized in that each chamber (10, 10') comprises first and second chambers (100, 100'), which are cylindrical, coaxial, rotatable and inclined, heating means (124), the worn road coatings to be recycled circulating in the space between the two chambers, downwardly by gravity from the top to the bottom.

13. (previously presented) Device according to claim 6, characterized in that it comprises means for treating the gaseous effluents emitted from the second chamber including the composition catalysts.

14. (previously presented) Device according to claim 7, characterized in that it comprises means for treating the gaseous effluents emitted from the second chamber including the composition catalysts.